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NEWS 2 AUG 10 Time limit for inactive STN sessions doubles to 40 minutes  
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NEWS 13 DEC 01 DGENE, USGENE, and PCTGEN: new percent identity feature for sorting BLAST answer sets  
NEWS 14 DEC 02 Derwent World Patent Index: Japanese FI-TERM thesaurus added  
NEWS 15 DEC 02 PCTGEN enhanced with patent family and legal status display data from INPADOCDB  
NEWS 16 DEC 02 USGENE: Enhanced coverage of bibliographic and sequence information  
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NEWS EXPRESS MAY 26 09 CURRENT WINDOWS VERSION IS V8.4,  
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=> S (bicarbonate or carbonate) (4A) buffer  
L1 16057 (BICARBONATE OR CARBONATE) (4A) BUFFER

=> S (bicarbonate or carbonate) (6A) paint  
L2 956 (BICARBONATE OR CARBONATE) (6A) PAINT

=> s l1 and l2  
L3 3 L1 AND L2

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L4 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2010 ACS on STN DUPLICATE 1  
 AN 2005:1004327 HCAPLUS  
 DN 143:292042  
 TI pH-Buffered alkylene carbonate nail polish and paint  
 remover  
 IN Perlman, Daniel  
 PA USA  
 SO U.S. Pat. Appl. Publ., 11 pp.  
 CODEN: USXXCO  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 20050202982	A1	20050915	US 2004-800492	20040315
	US 7485608	B2	20090203		
PRAI	US 2004-800492		20040315		

AB A method of improving chemical stability and increasing the efficacy of alkylene carbonate-containing nail polish remover or general purpose solvent, such as a paint thinner or stripper is disclosed. The composition includes: (i) between 10% and 98% by weight of at least one alkylene carbonate solvent, (ii) between 1.5% and 25% by weight water, and (iii) an effective amount of a pH-buffering agent that maintains the pH of the composition between approx. pH 2 and pH 6.5 and that is chemical inert in the composition. The water in the composition functions to increase the rate at which the composition dissolves,

e.g., nail lacquers, and the pH-buffering agent functions to stabilize the alkylene carbonate solvent against hydrolytic decomposition from pH-altering contaminants that may be introduced into the composition. Thus, a nail polish remover containing propylene carbonate 85.3%, dipropylene glycol 3.8%, Me propanediol glycol 3.0%, aqueous buffer 7.5%, glycerol 0.2%, methylparaben 0.1% and propylparaben 0.1% was prepared. The above aqueous buffer (pH 4.0) contained 5 mM citric acid, 2.5 mM sodium citrate and 1 mM disodium EDTA.

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 2 WPIDS COPYRIGHT 2010 THOMSON REUTERS on STN  
 AN 1992-004282 [01] WPIDS  
 DNC C1992-001873 [21]  
 DNN N1992-003234 [21]  
 TI Painting of guard wax for vehicular body - comprises applying wax to paint film surface and aqueous sodium carbonate buffer solution to finish  
 DC G02; M13; P42; Q17  
 IN AIZAWA M; YAMANE T  
 PA (TOYO-C) TOYO KOGYO CO  
 CYC 1  
 PIA JP 03258377 A 19911118 (199201)\* JA  
 ADT JP 03258377 A JP 1990-59245 19900309  
 PRAI JP 1990-59245 19900309  
 AB JP 03258377 A UPAB: 20050503  
 In the painting method of guard wax for vehicular body, a guard wax containing no neutraliser and/or buffer agent is applied to the surface of the

paint film of the vehicular body, and a neutraliser such as  $\text{Na}_2\text{CO}_3$  and/or buffer solution is applied to the surface of the guard wax in a wet state. Pref. the neutraliser is a 18% aqueous  $\text{Na}_2\text{CO}_3$  solution for example and the buffer

agent is a 4:6 mixture of  $\text{KH}_2\text{PO}_4$  and  $\text{Na}_2\text{HPO}_4$  of pH 6.98.

USE/ADVANTAGE - This method can effectively and simply form uniform guard wax film containing uniformly dispersed neutraliser and/or buffer agent and having excellent acid resistance on the surface of the vehicular body.  
@(5pp Dwg.No.0/2)

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